

1 4. (amended) An improved pressure vessel comprising:  
2 a tubular casing having an internal cavity with a circular cross section and an  
3 opening in at least one end permitting access to said internal cavity;  
4 a plug region adjacent said opening with a plug therein, the plug region being  
5 necked down to match the internal cavity cross section; and,  
6 a component in said hollow interior having at least a first lead passing through  
7 said plug to exit the pressure vessel, said plug encapsulating said component lead and  
8 sealing said opening.

1 9. (amended) The pressure vessel of Claim 3 wherein the plug is formed from a  
2 ceramic adhesive.

10. (amended) The pressure vessel of Claim 3 wherein the plug is formed from a  
2 ceramic adhesive, said plug having an external surface, and wherein said pressure vessel  
3 further comprises:  
4 a cap, said cap being formed from a polymer material to cover and extend beyond  
5 the external surface of said plug thereby forming a fluid barrier over the surface of the  
6 plug.